

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name,

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS FOR PACKED COLUMN SEPARATIONS AND PURIFICATIONS, the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_

☐ and was amended on \_\_\_\_\_  
(if applicable)

☐ with amendments through \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such applications have been filed

☐ such applications have been filed as follows

09177902-102398

Prior Foreign Application(s)

Priority  
Claimed

NONE

_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

NONE

_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

NONE

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Stephen R. May, Registration No. 29,255  
Paul W. Zimmerman, Registration No. 34,761

Address all correspondence to:

Paul W. Zimmerman K1-53  
Intellectual Property Services  
Battelle Memorial Institute  
Pacific Northwest Division  
Post Office Box 999  
Richland, WA 99352

Direct all phone calls to him at (509) 375-2981

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor David A. Holman

Inventor's signature David Holman 10/20/98  
Date

Residence Richland, Washington 99352

Citizenship U.S.A.

Post Office address 1900 Stevens Drive, #419, Richland, WA 99352

Full name of second joint inventor Cynthia J. Bruckner-Lea

Inventor's signature Cynthia J. Bruckner-Lea 10/21/98  
Date

Residence Richland, Washington, 99352

Citizenship U.S.A.

Post Office address 144 Mountain View Lane, Richland, WA 99352

Full name of third joint inventor Fred J. Brockman

Inventor's signature Fred Brockman 10/22/98  
Date

Residence Kennewick, Washington 99337

Citizenship U.S.A.

Post Office address 1805 W. 37th Ave., Kennewick, WA 99337

Full name of fourth joint inventor Darrell P. Chandler

Inventor's signature Darrell P. Chandler 10-20-98  
Date

Residence Richland, Washington 99352

Citizenship U.S.A.

Post Office address 1335 Goethals, Richland, WA 99352

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant or Patentee: David A. Holman, Cynthia J. Bruckner-Lea, Fred J. Brockman,  
and Darrell P. Chandler

Serial or Patent No.: \_\_\_\_\_

Filed or Issued: \_\_\_\_\_

For: METHOD AND APPARATUS FOR PACKED COLUMN SEPARATIONS AND  
PURIFICATIONS

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(d)) -

I hereby declare that I am an official empowered to act on behalf of the entity identified below:

NAME: Battelle Memorial Institute  
Pacific Northwest Division  
ADDRESS: Post Office Box 999, Richland, WA 99352

TYPE OF ENTITY:

- ☒ Nonprofit Organization (37 CFR 1.9(e))  
Nonprofit Scientific or Educational Under Statute of State of the United States of  
America  
(Name of State Ohio)  
(Citation of Statute Sections 1719.01 and 1719.05, Rev. Code of Ohio)  
☐ Small Business (37 CFR 1.9(d))  
☐ Independent Inventor (37 CFR 1.9(c))

I hereby declare that the entity identified above qualifies as such as defined in ☐ 37 CFR 1.9(c)  
☐ 37 CFR 1.9(d) ☒ 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a)  
and (b) of Title 35, United States Code with regard to the invention entitled METHOD AND  
APPARATUS FOR PACKED COLUMN SEPARATIONS AND PURIFICATIONS by  
inventor(s) David A. Holman, Cynthia J. Bruckner-Lea, Fred J. Brockman, and Darrell P.  
Chandler described in

- ☐ application executed \_\_\_\_\_  
☒ specification filed herewith  
☐ application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

I hereby state that rights under contract or law have been conveyed to and remain with the entity with regard to the above identified invention.

If the rights held by such entity are not exclusive, each individual, concern or organization having rights in the invention must file separate statements as to their status as small entities (37 CFR 1.27) and that no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

NAME NONE  
ADDRESS \_\_\_\_\_  
☐ INDEPENDENT INVENTOR ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
☐ INDEPENDENT INVENTOR ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Paul W. Zimmerman  
TITLE OF ORGANIZATION Contracting Officer, Pacific Northwest Division,  
Battelle Memorial Institute  
ADDRESS OF PERSON SIGNING Post Office Box 999, Richland, WA 99352

SIGNATURE Paul W. Zimmerman DATE 98/OCT/23